

07/31/01  
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# NEW UNITED STATES UTILITY PATENT APPLICATION TRANSMITTAL

Atty. Docket No.: 9236/2002

## CERTIFICATE OF MAILING UNDER 37 CFR 1.10

I hereby certify that the paper (and any paper or fee referred to as being enclosed) is being deposited with the United States Postal Service using Express Mail to Addressee Service, under 37 C.F.R. Section 1.10, Express Mail Label No. EL728730278US on this date, July 31, 2001, postage prepaid, in an envelope addressed to Box: Patent Application, Commissioner for Patents, Washington, D.C. 20231.

Nancy Arsenault

Name of Person Mailing Paper

*Nancy Arsenault*  
Signature of Person Mailing Paper

09/920000  
JC978 U.S. PTO

07/31/01  
09/920000

Commissioner for Patents  
Box Patent Application  
Washington, D.C. 20231

Enclosed herewith is a new patent application of:

First Named Inventor (or application identifier): Peter H. Kay

Title of Invention: USE OF FLUORESCENT MOLECULAR BEACONS IN THE DETECTION  
OF METHYLATED NUCLEIC ACIDS

Type:  New  
 Continuation of: PCT/AU00/00053  
 Continuation-in-Part of: \_\_\_\_\_  
 Divisional of: \_\_\_\_\_

and includes the following papers:

1.  Specification 25 pages (including specification, claims, abstract)/19 claims (1 independent)
2.  Declaration/Power of Attorney is:  
 attached       executed       unexecuted  
 NOT included, but deferred under 37 C.F.R. § 1.53(f).
3.  2 Distinct sheets of  Formal  Informal Drawings
4.  Preliminary Amendment.
5.  Information Disclosure Statement  
 Form 1449  
 A copy of each cited prior art reference
6.  Assignment with Recordation Cover Sheet.
7.  Priority is hereby claimed under 35 U.S.C. § 119 based upon the following application(s):

Country	Application Number	Date of Filing (day, month, year)
Australia	PP8448	1 February 1999

8.  Priority is hereby claimed under 35 U.S.C. § 120 based upon the following application(s):

Country	Application Number	Date of Filing (day, month, year)
PCT	AU00/00053	1 February 2000

9.  Priority document(s).

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10.  Statement of Small Entity Status, Pursuant to 37 C.F.R. §1.27.
11.  Microfiche Computer Program (Appendix).
12.  Nucleotide and/or Amino Acid Sequence Submission.
  - Computer Readable Copy.
  - Paper Copy (identical to computer copy).
  - Statement verifying identity of above copies.
13.  Request for Non-Publication and Certification under 35 USC 122 (b)(2)(B)(i)
14. Calculation of Fees:

FEES FOR	TOTAL CLAIMS	EXCESS CLAIMS	FEE	AMOUNT DUE
Basic Filing Fee (37 C.F.R. § 1.16(a))				\$710.00
Total Claims in Excess of 20 (37 C.F.R. § 1.16(c))	19	0	\$18.00	0
Independent Claims in Excess of 3 (37 C.F.R. § 1.16(b))	1	0	\$80.00	0
Multiple Dependent Claims (37 C.F.R. § 1.16(d))	0		\$270.00	0
Subtotal - Filing Fee Due				\$710.00
Reduction by 50%, if Small Entity (37 C.F.R. §§ 1.9, 1.27, 1.28)	MULTIPLY BY 0.50			\$355.00
<b>TOTAL FILING FEE DUE</b>				<b>\$355.00</b>
Assignment Recordation Fee (if applicable) (37 C.F.R. § 1.21(h))	0		\$40.00	
<b>GRAND TOTAL DUE</b>				<b>\$355.00</b>

15. PAYMENT is:
  - included in the amount of \$355.00 by our enclosed check. The Commissioner is hereby authorized to charge any deficiencies in the fees to Deposit Account 16-0085, Ref. 9236/2002.
  - not included, but deferred under 37 C.F.R. § 1.53(f).

16. All correspondence for the attached application should be directed to:

Paula Campbell Evans  
Customer Number 27495

17. Other: Application Data Sheet

Respectfully submitted,

By 

Name: Paula Campbell Evans  
Registration No.: 32,503

Date: July 31, 2001

08-02-01

Atty. Docket No.: 9236/2002

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Peter H. Kay  
Serial No.: Not Yet Assigned  
Filed: July 31, 2001  
Entitled: USE OF FLUORESCENT MOLECULAR BEACONS IN  
THE DETECTION OF METHYLATED NUCLEIC  
ACIDS

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Nancy Arsenault

Name of Person Mailing Paper

*Nancy Arsenault*

Signature of Person Mailing Paper

Box: Patent Application  
Commissioner for Patents  
Washington, D.C. 20231

TRANSMITTAL LETTER

Enclosed for filing in the above-identified patent application, please find the following documents:

1. New Patent Application Transmittal;
2. Patent Application Specification, (25 pages);
3. (2) sheets of informal drawings;
4. Application Data Sheet;
5. Check in the amount of \$355.00 for the requisite filing fee; and
6. Return Post Card.

Pursuant to 37 C.F.R. § 1.27, Applicant claims small entity status.

The Commissioner for Patents is hereby authorized to charge any additional fees or credit any overpayment in the total fees to Deposit Account No. 16-0085, Reference No. 9236/2002. A duplicate of this transmittal letter is enclosed for this purpose.

Respectfully submitted,

Date: July 31, 2001

*Paula Campbell Evans*

Name: Paula Campbell Evans  
Registration No.: 32,503  
Customer No.: 27495  
Palmer & Dodge LLP  
One Beacon Street  
Boston, MA 02108  
Tel: 617-573-0100

PATENT APPLICATION SERIAL NO. \_\_\_\_\_

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE  
FEE RECORD SHEET

PTO-1556  
(5/87)

\*U.S. GPO: 2000-468-987/39595